



'breaking the poverty
cycle...one child at a time'

ONE HEART FOUNDATION

.....
Children's Eco-village – International Design Competition



WE HAVE TRANSFORMED THE LIVES OF 75 CHILDREN OVER THE LAST 7 YEARS

*But there is still so much more to do...that's why
we're committed to establishing another children's
village so that we can break the poverty cycle
for hundreds more disadvantaged children.
This time we need your help...*



ABOUT ONE HEART FOUNDATION

One Heart Foundation is a not-for-profit foundation that was established in 2007.

The foundation was established by Australian architect Dean Landy with a primary focus to transform the future of orphaned and abandoned Kenyan children, currently living in poverty. In so doing, **whole communities have been transformed through education, leadership, empowerment and most importantly – love.**

At our children's village in Turbo, Kenya, we have provided housing and are caring for 75 orphaned or abandoned children, as well as educating hundreds more local children in our recently opened primary school. We are also starting work on establishing a skills training centre in conjunction with the University of Eldoret to better equip the surrounding community via health, business and life skills training.

These facilities are surrounded by a vibrant farm including of cows, chickens, fish, crops and a bakery, The farm provides nutritious food for the children while also generating an income that sustains the One Heart village.

Sustainable community development is a core focus. We carefully consider the social, economic and environmental sustainability of our villages and work with empowered locals to ensure that we can continue to have a long lasting effect in the villages of Kenya. Therefore, we have established a series of targets designed to expand our impact the quality of life for children now, and for future generations to come.

'We believe to truly break the poverty cycle we need to provide a hand up...not just a hand out.'



THE DESIGN CHALLENGE.

We want to take the built environment to a new level in the villages of Kenya to demonstrate to our children, the impact good design can have on their quality of life. We want to work with creative architecture students and recent graduates from around the world to develop a new village that is environmentally sustainable, low cost, simple to build, and is contextually responsive to the site, culture, climate and its unique use.

'It needs to be a nurturing environment... a place to raise individual families with children that have come from very difficult backgrounds of poverty and abuse. It's a place of hope and a place to raise the future leaders in the community. '

The challenge is in two parts:

1. Masterplan a holistic children-focused eco village complete with the facilities outlined in the brief including the homes, schools, farm and playing fields
2. Create a unique design solution for each of these facilities.

Consideration should also be given to the integration and reuse of the existing homestead on the site as it would be ideal to retain this building.

This village will be built over the next 2 years and will become home to an additional 100 orphaned and abandoned children. It will serve as a sister campus to the existing One Heart Village located 30 minutes away in Turbo to enable us to share some staff and resources.

The judging by our international panel of guest judges will be anonymous, therefore, participants must not place the names of individuals or groups or the location of participants on the presentation panels. The winning entrant will not only win the prize money, they will also be invited to work in partnership with Melbourne based firm ClarkeHopkinsClarke architects, to further develop the scheme and see it come to life.

HOW IS IT FUNDED?

One Heart Foundation is a not for profit organisation. All board members and administration assistants based in Australia, work on a volunteer basis. Our operational costs in Kenya, including staff salaries and the costs associated with raising our children are predominantly raised through child sponsorship here in Australia and abroad.

All funds associated with construction of homes and schools are raised through targeted fundraising campaigns in Australia, and through strategic events such as the Run from Poverty Experience (www.runfrompoverty.org).

One Heart Foundation does not, and will not, take on debt and therefore, will not take out bank loans for our projects. Therefore, every dollar we invest in facilities must be carefully considered. We need to work within very modest construction budgets to deliver the primary function of the space be it a new home or classroom.



THE SITE



One Heart has recently purchased 8 acres of land on Forest Road in the Province of Soy, Kakamega County.

The property is located is a 40 minute drive north-west of Eldoret, Kenya's 4th largest city. Kakamega County is in western Kenya is a rural area with a poverty rate of 53% and where around 30% of children do not attend school.



The site

The site topography is generally flat, it has 140m of road frontage and is 230m deep. There is an existing 1970's homestead located near the centre of the site which is surrounded by large trees and nicely landscaped gardens.

There are also a series of small 'out buildings' such as sheds, water tanks and chicken coops at the rear of the home which can be relocated if required.



THE BRIEF

Our vision is to create a new children's village that provides a nurturing, welcoming and inspiring environment for the many children that will live there while also being very economical, sustainable and buildable.



THE MASTERPLAN

The masterplan is the key to the future planning of the new village. It must consider:

- Future flexibility.
- Easy access to publicly shared facilities (hall, skills training centre).
- The layout of the schools and their connectivity to the playgrounds and sports fields.
- Privacy for the homes.
- Appropriate separation of the farm (poultry and dairy) from the homes and school facilities.

Project Scope

- Single access point from the main road
- Gatehouse/Night watchman shelter
- Primary School
- Secondary School
- Multi-purpose Hall
- Sports Field
- Playground (Junior and Senior)
- Administration Centre (potential reuse of existing home)
- Skills Training Centre
- Childrens homes (x4)
- Farm
- Water tanks and well



THE MASTERPLAN

General Design Considerations

- Aim to separate vehicle movements from pedestrians.
- Allow for mini school bus access into the site for drop off and pick up of students each day.
- For general security, the entire campus will be fenced with a single controlled entry point. An access gate on the side lane can be provided for service vehicles only. This gate will remain locked when not in use.
- Mains electricity is available, however, buildings should be connected to an on-site source of electricity such as solar power so that they are able to operate autonomous of the mains electricity grid.
- All buildings should look to utilise locally sourced materials such as bricks, concrete blocks and timber (large steel beams and columns are not readily available and should be avoided).
- There is also limited access to specialised materials and technologies. For example, there are no double glazed windows, no composite aluminium cladding, no automated systems etc.
- Construction techniques should remain simple as we will utilise local trades people.
- Concrete slab on ground is preferred but we would consider cost effective alternatives.
- Well integrated ESD and passive design principles are a key requirement, eg. rain water collection, natural ventilation, window shading, thermal mass etc.
- Heating systems are not commonly used in the Kenyan climate. Please provide for open fire places.

THE HOMES

The One Heart homes are not to be thought of as an orphanage in the traditional sense. Rather, they are a permanent home for children that have been orphaned or abandoned. This is an important difference, as an orphanage often conjures images of large institutionalised facilities with cold dormitories. The One Heart homes are to be designed as a series of family homes... just with more bedrooms!

Our homes are centred around a model of care that sees each home have a maximum of 26 children with dedicated house parents that live with them and raise them like their own children. This means there are large family rooms and dining rooms in the home, as well as several bedrooms ideally with no more than 8 children to a room in bunk beds.

Two years ago we designed and constructed our first purpose built home which was constructed on a very tight budget of US\$30,000 (see previous plans available on the competition website). However as we now look to build several more homes, we want to push the design further and explore new ideas that are very economical, and will create a unique and homely environment for our children.

Home Brief

- Four separate family homes are to be constructed within close proximity to each other.
- Single storey construction is preferred.
- Each home can be made up of one large building, or a cluster of smaller buildings.

Main home

- Bedrooms for 26 children (maximum 8 per room).
- Indoor bathroom (toilets, basins and showers)
- Large living room/dining room
- Quiet study area
- Storage for each child (wardrobe)

Parents' retreat

- 2 bedrooms
- Private sitting area
- Kitchenette
- Bathroom
- Storage

Shared facilities

- 1 Common kitchen area (will be used to prepare meals for all 4 homes)
- Bulk food store
- Outdoor toilet and basin (for playground use)
- Covered walkways between separate elements of the building.
- Water tanks

PRIMARY SCHOOL

One Heart opened our first Primary School in in 2014 with the aim of providing the best education in the region. – free to the One Heart children, and at a very affordable rate for the surrounding fee paying students. Within the first 12 months we ranked no.1 in the region in several academic results. However, we also know that academic results aren't the only measure of a successful school. We aim to instil in all of our students a sense of community, responsibility and care for those around them, and to be free to explore their passions in less common areas of education in Kenyan villages such as arts, IT, sports and trade training.

Primary schooling in Kenya extends from nursery level up to class 8. The new primary School at Soy will aim to accommodate 400 student enrolments, with class sizes no more than 30 children per class.

While the education system remains quite traditional in terms of simple individual classrooms, we would now start to look to challenge the learning environment and include some more open plan spaces to allow different size learning groups and teaching formats, eg, small reading groups, large project groups around a projector screen etc.

We will be looking to achieve a goal of one laptop computer for every child - something not seen in these regions of Kenya, and the rooms will be equipped with a projector and screen to allow more interactive learning.

We also look to include a greater focus on outdoor learning spaces, eg story pits, shaded areas etc.(please see the previous school design in the competition website)

Primary School Brief

Administration area

- Reception/waiting area
- 3 offices
- Sickbay
- Storage
- Tea room
- Staff toilets
- Playground

Teaching spaces

- 16 classrooms
- Art room
- Library
- Computer hub
- Outdoor sheltered spaces

General

- Boys and girls toilets
- Playground



HIGH SCHOOL

This will be the first high school created by One Heart and aims to address the alarmingly low percentage of students that currently progress on to secondary level schooling in Kenya. It must be designed to accommodate a staged approach to allow for future classrooms to be included as the student population grows. We aim to have a student enrolment of approximately 400 students, both One Heart kids and local fee paying students.

Each classroom will be designed to accommodate approximately 30 children, and can be over 2 levels.

Secondary schooling in Kenya is only for 4 years, from class 8 to 12, and is very often associated with a boarding house to accommodate students from a greater distance. The student age levels vary from 13 – 19 depending on how late they started primary school.

Consideration should be given to a design which fosters shared learning and collaboration and also for areas for active recreation such sports grounds. The building should be designed to allow for flexible spaces that can be used as part of the skills training centre.

High School Brief

Administration area (could be co-located in the existing house with the primary school)

- Reception/waiting area
- 4 offices
- Sickbay
- Storage
- Tea room
- Staff toilets

Teaching spaces

- 16 classrooms
- Art room
- 2 Science rooms
- Music room
- Music store
- Senior Library
- Computer hub
- Outdoor sheltered spaces

General

- Boys and girls toilets
- Senior play area

Boarding dormitories for 100 students (50 boys and 50 girls)

- Male/female bunk rooms
- Male/female toilets/showers
- Lockers

MULTIPURPOSE HALL

Hall Brief

- Located near the front of the property for easy access
- Allow an internal basketball court
- Change facilities
- Storage areas for several groups
- Stage area
- Kitchen (used to prepare meals for school students)

The multipurpose hall is to provide a useful shared facility that will serve many purposes such as a dining hall, games hall and assembly hall during school hours; a training centre and community hall after school hours; and as a meeting place for a local church community on Sundays.

**THIS IS AN
OPPORTUNITY TO
HELP CREATE
THE CHANGE YOU
WANT TO SEE IN
THE WORLD**

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FARM

The farm provides both the food for the One Heart Village, but also an income to help support the program. There will be dedicated areas for farming, as well as temporary areas we will utilise while awaiting the future stages of construction... no land is to be wasted!

We also use the farm as a form of education for the school children and the local community through new ideas and processes taught through the skills training centre.

Farm Brief

- Dairy farm (shelter for 8 cows)
- Poultry farm (shelter for 1000 chickens)
- Fisheries (allowance for a small pond)
- Greenhouses (allow 3 for various crops)
- Vegetable gardens
- Maize field (corn)
- Storage shed
- Water tanks

SKILLS TRAINING CENTRE

The skills training centre will share many facilities with the school. We will provide adult training in areas of agriculture, IT, finance, health and nutrition.

Many of these courses will be provided in conjunction with larger organisations out of Eldoret.

Skills Training Centre Brief

- Office
- Workshop
- Storage
- 1 small dedicated training room.
- Access to adjoining school and farm area.

GUEST HOUSE

A small guest house is to be provided on the site to accommodate small visiting teams, visiting or exchange teachers etc. It should be comfortable and a small scale space with an element of privacy from the other parts of the village.

Guesthouse Brief

- 2 Bedrooms
- Sitting area
- Kitchenette
- Bathroom
- Veranda/
porch

THE DETAILS

Key dates:

Registration opens: 28 October 2016

Registration closes: 18 November 2016 (all background documents will then be made available on dropbox to download)

RFI period closes: 18 November 2016 (responses to RFI's will then be collated and distributed to all)

Submission of entry: 16 December 2016 (submission is due at 3pm (Australian Eastern Standard time). Please be mindful of the corresponding time in your relevant time zone.

Winners announced: Early 2017 via email and on the One Heart website

How to register:

Visit www.oneheart.foundation and follow the prompts to register through Eventbrite. You will then receive an access link via email once we have processed your application to all downloadable content via a Dropbox link once the registration period closes.

Entry Fee:

\$60 for an individual OR \$80 for a team.

100% of the funds raised through the entry fees, will be used in the construction of the first stage of the village.

The competition is open to architecture students, recent graduates and qualified architects worldwide.

Submission Format:

Submissions are to consist of a maximum of 2 x A1 panels in portrait format. The file format is to be PDF and at a suitable file size to email (no more than 7MB), otherwise an electronic file transfer link (such as Dropbox) is acceptable.

Prize:

1st place - AUD\$2,000

2nd place - AUD\$1,500

3rd place - AUD\$1,000.

Honourable mentions may be awarded at the discretion of the jury but will not receive a cash prize.

The winning entrant will then have the opportunity to partner with Melbourne based architectural firm ClarkeHopkinsClarke (www.chc.com.au) to work with One Heart Foundation on a pro bono basis to deliver the project over the next 2 years.

JURORS*

We have assembled a unique and diverse panel of jurors with representatives from the Australian and Kenyan governments, as well as the design industry and One Heart Foundation itself. This will provide a wide range of different insights into the judging process.



H.E. John Feakes
Australian High
Commissioner to Kenya



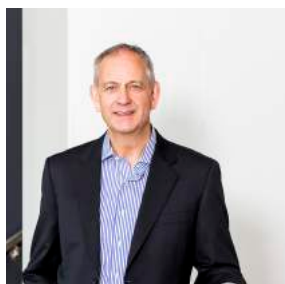
Sandra Boinet
One Heart Volunteer
and education
children's services
facilitator



Jeremy McCloud
Distinguished Architect,
founder of Breathe
Architecture and creator
of the Nightingale
community development
model



Katherine Droga
Acting Executive
General Manager
International,
Tourism Australia



Robert Goodliffe AIA
Chapter Councillor
and Partner at
ClarkeHopkinsClarke
Architects



Dean Landy
Founder and
Director of One
Heart Foundation



Nellie Simiyu
Principal of Hill
School Eldoret,
Kenya



John Elliott
Philanthropist
and CEO Elliot
Insurance

Judging Criteria

- Creative design response to the brief
- Integration of ESD principles
- Response to local context, culture and materials
- Simplicity of the construction and affordability
- Innovation

Questions

Please contact us if you have any further questions or experience any difficulties registering for this competition at info@oneheart.foundation

There is an opportunity to submit Requests for Further Information (RFIs) until the nominated date of 21 October 2016.

Conditions of Entry

- One Heart reserves the right to use all or part of the winning submissions.
- The selected entry will need to undergo considerable design development in a more collaborative approach with One Heart, ClarkeHopkinsClarke and the winning individual or group, in order to arrive at a suitable design and budget to enable commencement on the project in Kenya.
- There will not be any ongoing payments for services to develop the winning design further. The winning individual or group will have the opportunity to work pro bono along with ClarkeHopkinsClarke if they select to..

* Jurors may be subject to change

On behalf of the One Heart team in Australia and Kenya, I wish to thank you for considering taking part in this exciting design competition for One Heart Foundation.

I believe it is a rare opportunity for you to showcase your design skills, possibly work with an established practice to see your project come to life, and most importantly, by taking part you are actually contributing to the vision of One Heart Foundation... to transform the lives of the most neglected children in the most disadvantaged regions of the world... you will be making a difference.

I look forward to reviewing your submission... good luck!



DEAN LANDY

A handwritten signature in black ink, appearing to read 'Dean Landy', with a stylized, flowing script.

**ONE HEART
FOUNDATION
DIRECTOR**



**ONE HEART
FOUNDATION**

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WWW.ONEHEART.FOUNDATION

